

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 377882001420	Application Number 09/927,422
	Applicant Gary VAN NEST et al.	
	Filing Date August 10, 2001	Group Art Unit 1645
	Mailing Date March 12, 2002	



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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date Appropriate
NMM	1.	07/03/1984	4,458,066	Caruthers et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
NMM	2.	09/20/2001	WO 01/68077 A2	WIPO			
NMM	3.	09/20/2001	WO 01/68103 A2	WIPO			
NMM	4.	09/20/2001	WO 01/68116 A2	WIPO			
NMM	5.	09/20/2001	WO 01/68143 A2	WIPO			
NMM	6.	09/20/2001	WO 01/68144 A2	WIPO			
NMM	7.	10/18/2001	WO 01/76642 A1	WIPO			
NMM	8.	09/20/2001	WO 01/68078 A2	WIPO			
NMM	9.	09/20/2001	WO 01/68117 A2	WIPO			

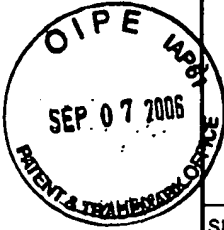
OTHER DOCUMENTS (including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

EXAMINER: /N. M. Minnifield/ (03/05/2007) DATE CONSIDERED: 03/05/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Application Number	09/927,422
			Filing Date	August 10, 2001
			First Named Inventor	Gary VAN NEST
			Art Unit	1645
			Examiner Name	N. Minnifield
			Attorney Docket Number	377882001420
Sheet	1	of	2	

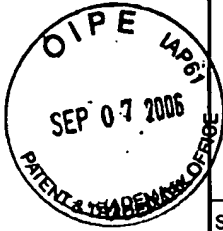
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
↓ NMM	1.	US-2002/0055477-A1		05-09-2002	Nest et al.	
	2.	US-2003/0059773-A1		03-27-2003	Van Nest et al.	
	3.	US-5,629,158-A		05-13-1997	Uhlen	
	4.	US-5,770,434-A		06-23-1998	Huse	
	5.	US-5,824,812-A		10-20-1998	Nantz et al.	
	6.	US-6,352,975-B1		03-05-2002	Schreiner et al.	
	7.	US-6,355,267-B1		03-12-2002	Collins	
	8.	US-6,465,188-B1		10-15-2002	Gold et al.	
	9.	US-6,559,129-B1		05-06-2003	Kasid et al.	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
NMM	10.	WO-03/015816-A1		02-27-2003	Dynavax Technologies Corporation		

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
NMM	11.	Agrawal, S. et al. (February 2000). "Antisense Therapeutics: is it as Simple as Complementary Base Recognition?," <i>Molecular Med. Today</i> 6:72-81.	
NMM	12.	Busquets, M.A. et al. (November 2003). "Peptides and Liposomes: From Biophysical to Immunogenic Studies," <i>Current Drug Targets</i> 4(8):633-642.	
NMM	13.	Crooke, S.T. (1998). "Basic Principles of Antisense Therapeutics," Chapter 1 <i>In Antisense Research and Application</i> , Crooke, S.T. ed., Springer-Verlag: Berlin, Germany, pp. 1-50.	
NMM	14.	Du Bois, R.M. (October 21, 1999). "Interferon Gamma-1b for the Treatment of Idiopathic Pulmonary Fibrosis," <i>New England Journal of Medicine</i> 341(17):1302-1304.	
NMM	15.	Fearon, K. et al. (2003). "A Minimal Human Immunostimulatory CpG Motif That Potently Induces IFN-γ and IFN-α Production," <i>Eur. J. Immunol.</i> 33:2114-2122.	
NMM	16.	Fix, M. et al. (2002). "The Fluorosome™ Technique for Investigating Membrane On- and Off-Loading of Drugs by β-CD and Sonicated SUV," <i>FEBS Letters</i> 516:109-112.	
NMM	17.	International Search Report mailed on February 11, 2002 for PCT Application No. PCT/US01/07848 filed March 12, 2001, three pages.	
NMM	18.	International Search Report mailed on August 27, 2002 for PCT Application No. PCT/US01/25364 filed August 13, 2001, four pages.	
NMM	19.	International Search Report mailed on February 11, 2002 for PCT Application No. PCT/US01/07843 filed March 12, 2001, three pages.	
NMM	20.	Li, Q.T. et al. (1993). "Effect of Cholesteryl Ester on the Distribution of Fluorescent Cholesterol Analogues in Triacylglycerol-rich Emulsions," <i>Biochimica et Biophysica Acta</i> 1166(2/3):145-	

Examiner Signature	/N. M. Minnifield/ (01/12/2007)	Date Considered	01/12/2007
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		Art Unit	1645
		Examiner Name	N. Minnifield
		Attorney Docket Number	377882001420
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		153.	
NMM	21.	Peracchi, A. (2004). "Prospects for Antiviral Ribozymes and Deoxyribozymes," <i>Rev. Med. Virol.</i> 14:47-64.	
NMM	22.	Stayton, P.S. et al. (2000). "Molecular Engineering of Proteins and Polymers for Targeting and Intracellular Delivery of Therapeutics," <i>J. Controlled Release</i> 65:203-220.	
NMM	23.	Van Uden, J. et al. (November 1999). "Immunostimulatory DNA and Applications to Allergic Disease," <i>Journal of Allergy and Clinical Immunology</i> 104(5):902-910.	

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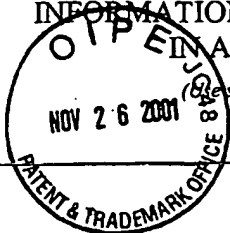
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NMM	1.	07/03/1984	4,458,006	Döenges et al.			
	2.	03/17/1987	4,650,675	Borel et al.			
	3.	07/18/1989	4,849,513	Smith et al.			
	4.	03/20/1990	4,910,300	Urdea et al.			
	5.	08/14/1990	4,948,882	Ruth			
	6.	05/14/1991	5,015,733	Smith et al.			
	7.	03/03/1992	5,093,232	Urdea et al.			
	8.	06/02/1992	5,118,800	Smith et al.			
	9.	06/02/1992	5,118,802	Smith et al.			
	10.	06/23/1992	5,124,246	Urdea et al.			
	11.	02/21/1995	5,391,723	Priest			
	12.	09/26/1995	5,453,496	Caruthers et al.			
	13.	01/16/1996	5,484,596	Hanna, Jr. et al.			
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	16.	12/15/1998	5,849,719	Carson et al.			
	17.	01/16/2001	6,174,872	Carson et al.			
	18.	02/27/2001	6,194,388 B1	Krieg et al.			
	19.	03/27/2001	6,207,646 B1	Krieg et al.			
✓	20.	04/10/2001	6,214,806 B1	Krieg et al.			
NMM	21.	05/29/2001	6,239,116 B1	Krieg et al.			

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Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
NMM	22.	01/29/1992	0 468 520 A2,A3	Europe			

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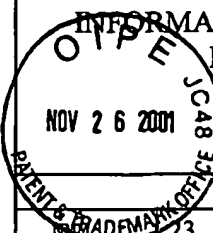
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	23.	02/01/1996	WO 96/02555 A1	WIPO			
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	25.	04/23/1998	WO 98/16247 A1	WIPO			
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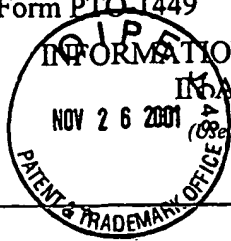
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Examiner Initials	Ref. No.	Title
NMM	52.	Asanuma, H. et al., (1995) "Cross-protection against influenza virus infection in mice vaccinated by combined nasal/subcutaneous administration" <i>Vaccine</i> 13:3-5.
	53.	Agrawal et al. (1986). "Efficient methods for attaching non-radioactive labels to the 5' ends of synthetic oligodeoxyribonucleotides," <i>Nucleic Acids Res.</i> 14:6227-6245.
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	55.	Atherton et al. (1981). "Synthesis of a 21-residue fragment of human proinsulin by the polyamide solid phase method," <i>Hoppe-Seylers Z. Physiol. Chem.</i> 362:833-839.
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	61.	Branda et al. (1993). "Immune stimulation by an antisense oligomer complementary to the <i>rev</i> gene of HIV-1," <i>Biochem. Pharmacol.</i> 45:2037-2043.
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NMM	65.	Breiteneder et al. (1989). "The gene coding for the major birch pollen allergen <i>Betv1</i> is highly homologous to a pea disease resistance response gene," <i>EMBO J.</i> 8:1935-1938.

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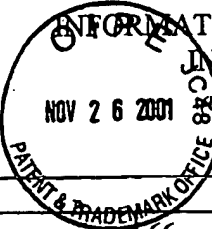
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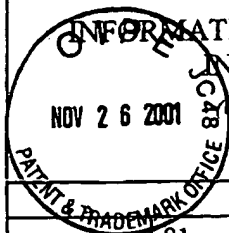
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NMM	81.	Elsayed et al. (1991). "The structural requirements of epitopes with IgE binding capacity demonstrated by three major allergens from fish, egg and tree pollen," <i>Scand. J. Clin. Lab. Invest.</i> 51(Suppl.204):17-31.
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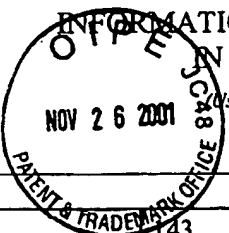
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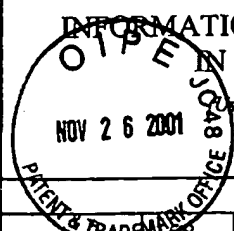
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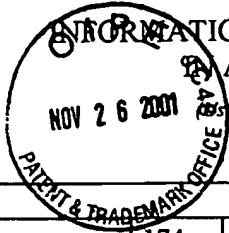


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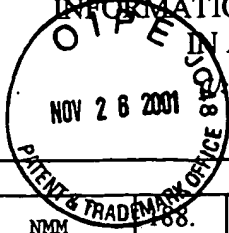
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